

Fig. 1

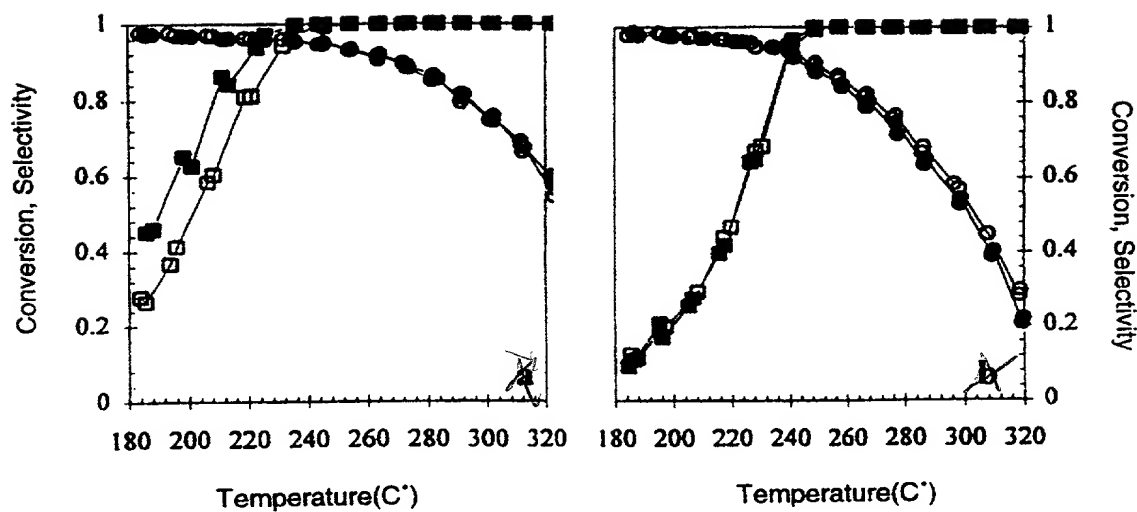


FIG. 2A

Fig. 2B

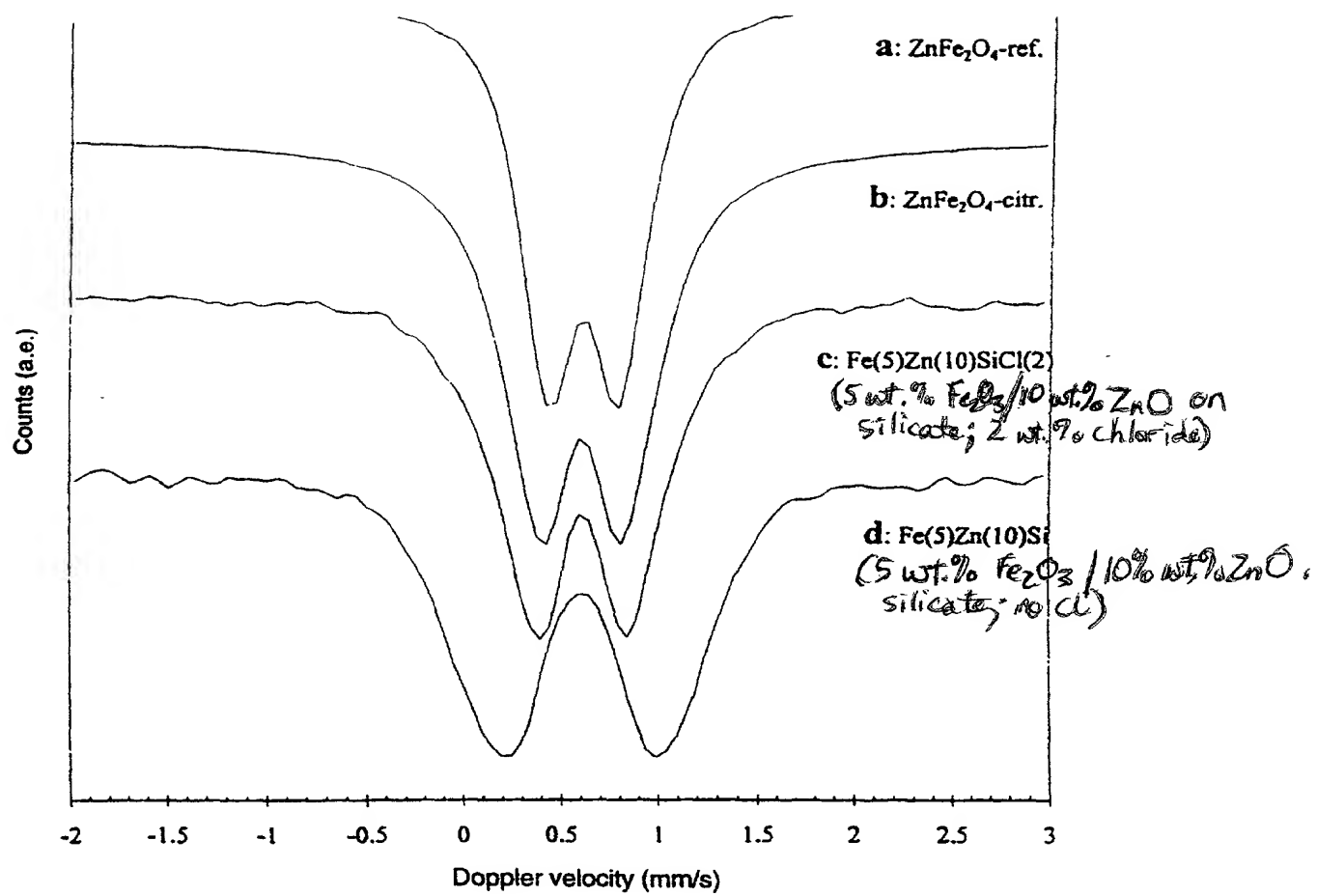


Fig. 3

FIG. 4 A

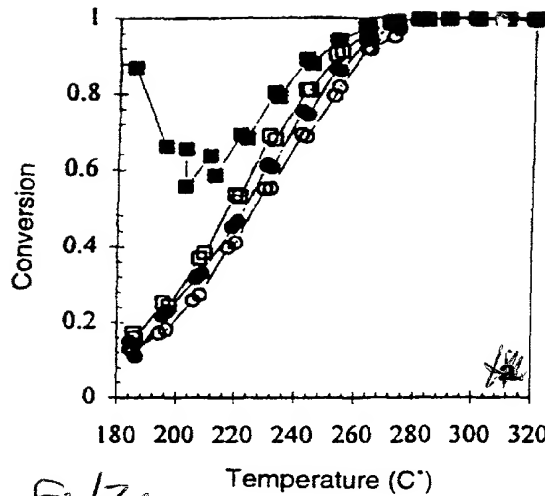
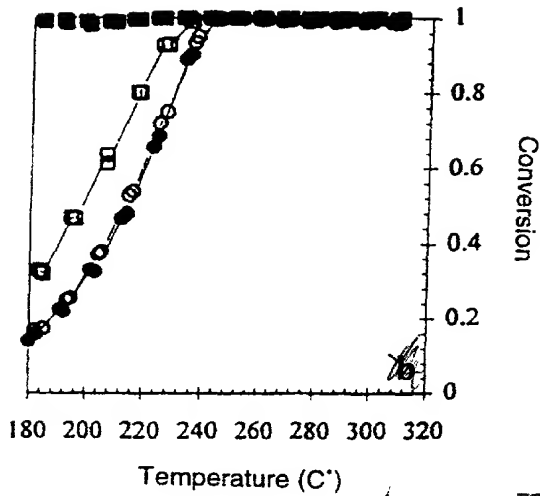


FIG. 4 B



$\frac{\text{Fe}}{\text{Zn}}$
 catalyst
 5 wt.% iron oxide on silica
 H_2S conversion ■ 3rd, □ 4th
 Selectivity to S: ● 3rd, ○ 4th

a) Fe(5)Zn(10)Si-Cl. (5 wt.% Fe_2O_3 / 10 wt.% ZnO on silica, with Cl)
 b) Fe(5)Zn(10)Si. (5 wt.% Fe_2O_3 / 10 wt.% ZnO on silica, w/ heat-Cl)

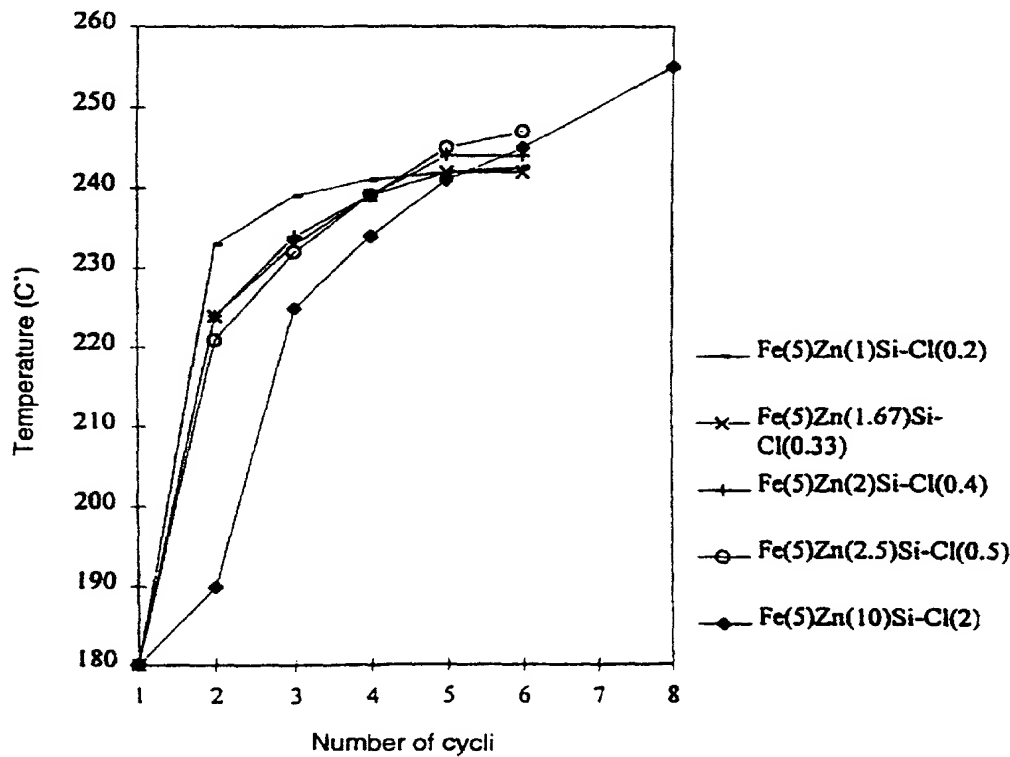
~~Fig. 4~~

Fig. 5

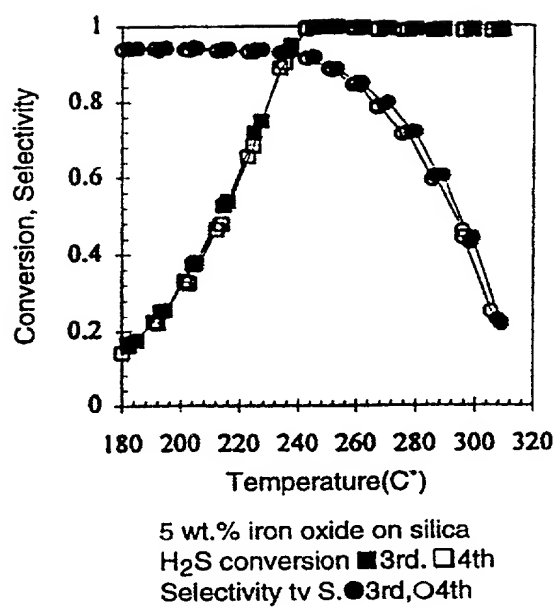


Fig. 1

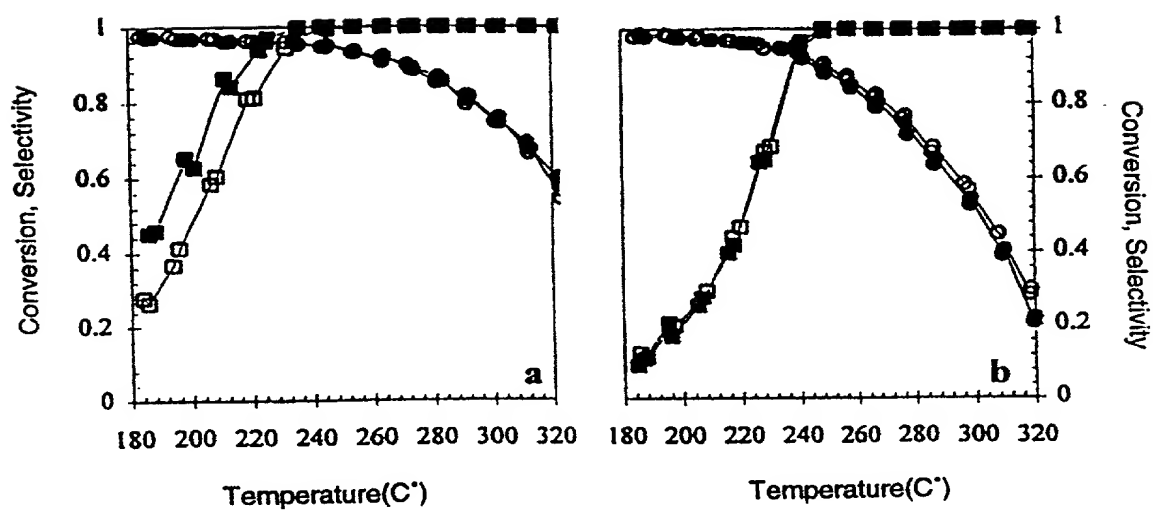


Fig. 2

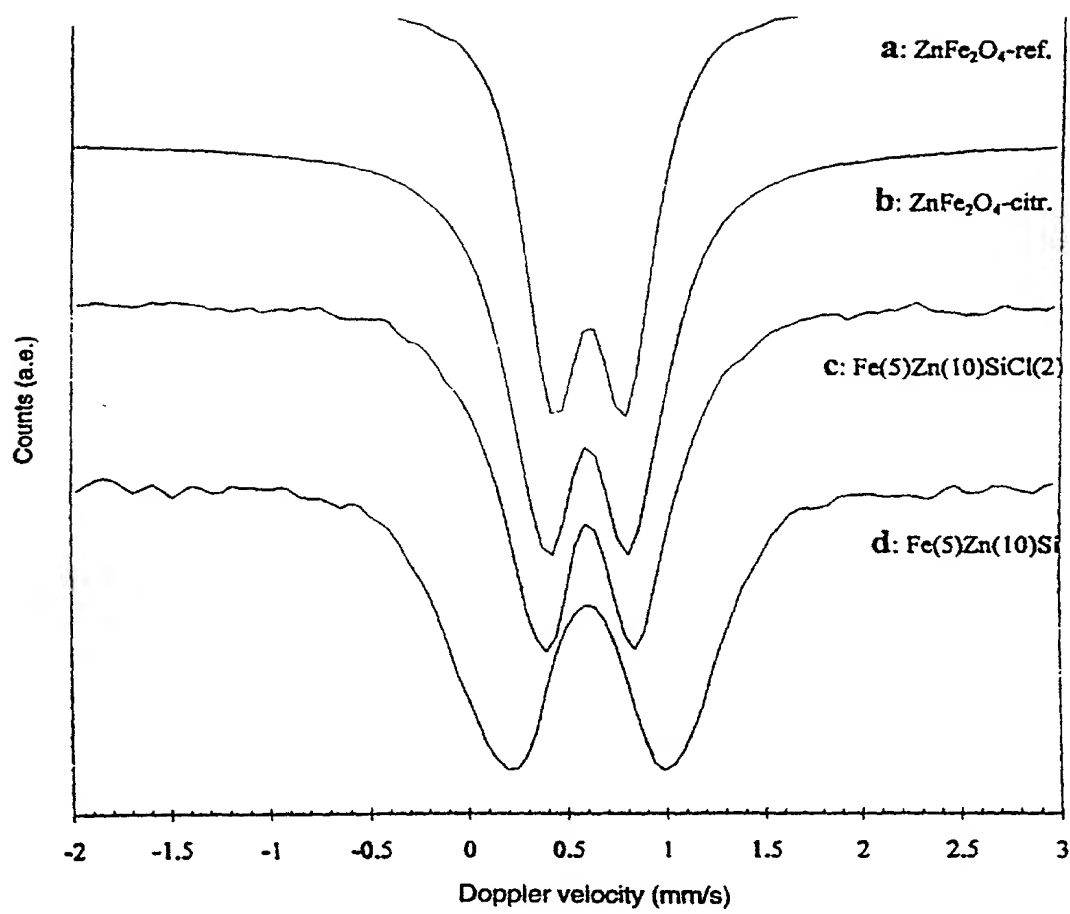
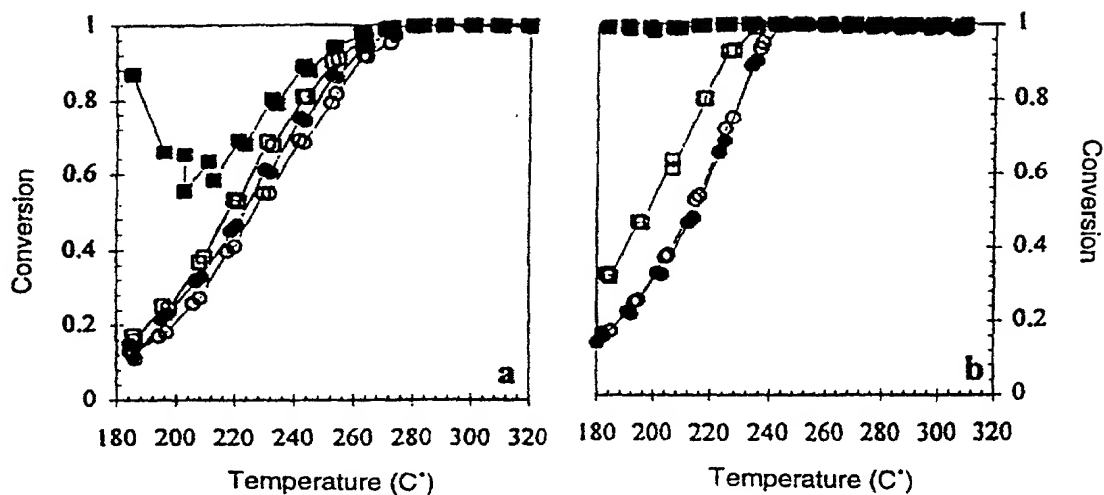


Fig. 3



Fe₇Zn catalyst

a) Fe(5)Zn(10)Si-Cl.

b) Fe(5)Zn(10)Si.

5 wt.% iron oxide on silica

H₂S conversion ■ 3rd, □ 4th

Selectivity to S: ● 3rd, ○ 4th

Fig. 4

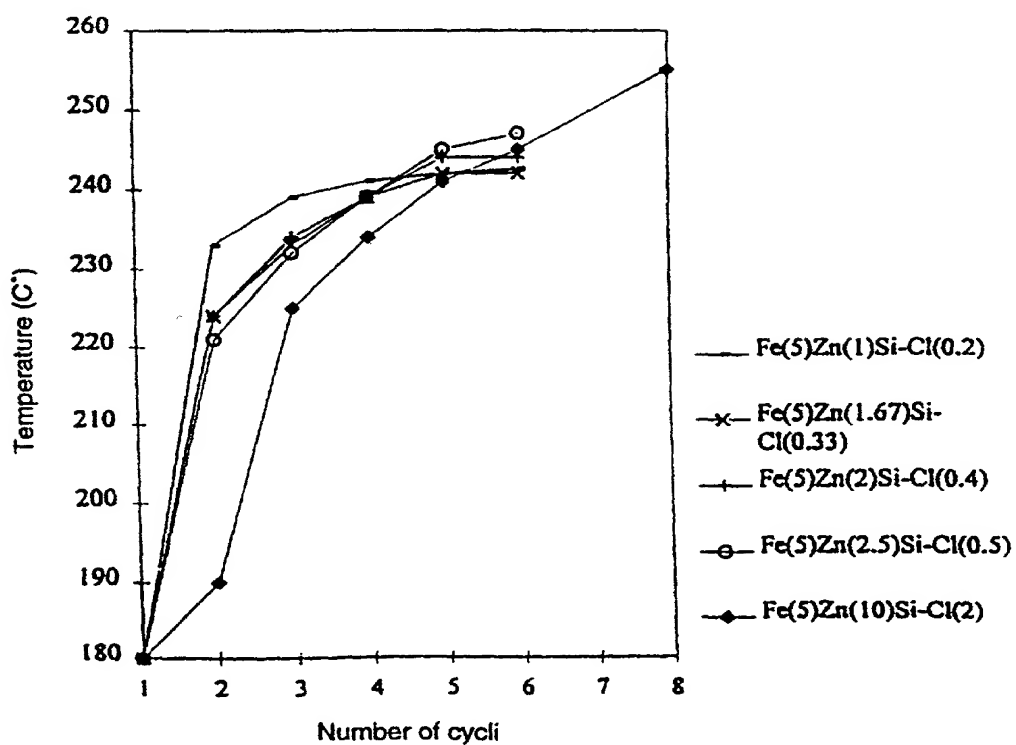


Fig. 5